

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 047182-0145
INTERNATIONAL APPLICATION NO. PCT/US2003/040665	INTERNATIONAL FILING DATE 12/19/2003	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.52) Unassigned 11/540112
TITLE OF INVENTION MINIATURIZED GAS SENSORS FEATURING ELECTRICAL BREAKDOWN IN THE VICINITY OF CARBON NANOTUBE TIPS		PRIORITY DATE CLAIMED 12/20/2002
APPLICANT(S) FOR DO/EO/US Nikhil KORATKAR et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	
2. <input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.	
3. <input type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4. <input checked="" type="checkbox"/>	The US has been elected (Article 31).	
5. <input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)	
6. <input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	
7. <input type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made.	
8. <input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9. <input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10. <input type="checkbox"/>	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11 to 20 below concern other document(s) or information included:		
11. <input checked="" type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12. <input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13. <input checked="" type="checkbox"/>	A Preliminary Amendment.	
14. <input checked="" type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.	
15. <input type="checkbox"/>	A substitute specification.	
16. <input type="checkbox"/>	A power of attorney and/or change of address letter.	
17. <input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825	
18. <input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).	
19. <input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	
20. <input checked="" type="checkbox"/>	Other items or information: Copy of International Search Report (1 page)	

JC17 Rec'd PCT/PTO 20 JUN 2005

U.S. APPLICATION NO. (known, or 37 CFR 1.5) 10/540112 Unassigned		INTERNATIONAL APPLICATION NO. PCT/US2003/040665		ATTORNEY'S DOCKET NUMBER 047182-0145	
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The following fees have been submitted:						
21.	<input checked="" type="checkbox"/> Basic national fee		\$300		\$300.00	
22.	<input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$200.00	
All other situations						
23.	<input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						
International Search Report prepared and provided to the Office						
All other situations					\$100.00	
TOTAL OF ABOVE 21, 22 and 23 =					\$600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
31 - 100 =	0	/50 =	0	x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))					\$0.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims		30 - 20 =	10	x \$ 50.00	\$500.00	
Independent Claims		9 - 3 =	6	x \$ 200.00	\$1200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$ 360.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS =					\$2300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$0.00	
SUBTOTAL =					\$2300.00	
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$0.00	
TOTAL NATIONAL FEE =					\$2300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property					\$0.00	
TOTAL FEES ENCLOSED =					\$2300.00	
					Amount to be refunded:	
					charged:	

a. ☐ A check in the amount of **\$2,300.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **19-0741** in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

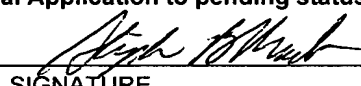
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **19-0741**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charge to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Foley & Lardner LLP
Customer Number: 22428



SIGNATURE
Stephen B. Maebius

NAME
35,264

REGISTRATION NUMBER